

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1-8. (Canceled)

9. (Currently Amended) A system for communication between remote objects which are provided associated with service providers, ~~whose methods wherein~~ said remote objects can be accessed as web services, and client-end local proxies associated with a client in a computer network, ~~in particular the Internet or a LAN, with~~ said system comprising:

- a) a general service being installed₁ in addition to the existing services₁ at the service provider end₁ and being designed to switch one or more service calls from a client to the available services, and to transmit one or more response messages to the client, and
- b) an optimization layer being implemented at the client end in addition to the ~~other~~ local proxies, and being designed to carry out client-end optimization and to combine call groups₁ and ~~[[,]] furthermore, with a~~ general proxy being installed at the client, ~~which is designed to carry out grouped service calls, and to return response messages to the optimization layer₁ and~~
- c) wherein the optimization layer contains at least one cache, with whose aid service calls can be avoided or delayed and wherein the optimization layer is configured to evaluate the response messages before passing the response messages to a client application via a local proxy.

10. (Previously Presented) The system as claimed in claim 9, wherein the client is designed by means of the optimization layer and the general proxy to automatically initiate a communication with a service provider, even without any call from a client application, in order to update stored information.
11. (Currently Amended) The system as claimed in claim 9, wherein the client is designed by means of the optimization layer and the general proxy to ~~manage, in particular to~~ update and invalidate[[,]] the data in the cache, to request piggyback information together with the transmission of call groups, and to manage the reverse transmission of responses from the service provider.
12. (Currently Amended) A method for communication between remote objects which are ~~provided~~ associated with service providers, ~~whose methods wherein said remote objects~~ can be accessed as web services, and client-end local proxies associated with a client in a computer network, ~~in particular the Internet or a LAN,~~ with a general service being installed in addition to the existing services at the service provider end, and wherein an optimization layer in each case is ~~being~~ implemented at the client end in addition to the ~~other~~ local proxies and containing a cache, and ~~with a general proxy also being installed, and with,~~ said method comprising:
 - a) passing by a respective proxy to the optimization layer a plurality of calls ~~to methods~~ by client applications ~~being passed by the respective proxy to the optimization layer,~~ where they said calls are combined to form a call group and are passed to a communication layer,

- b) transmitting the call group ~~being transmitted~~ to the service provider, where the individual calls contained in the call group are passed by the general service to ~~the respective~~ corresponding services whose responses are combined and are transmitted back to the client in a grouped manner, and
- c) evaluating the responses ~~being evaluated~~ in the optimization layer and ~~being passed~~ passing said responses to the at least one client application via the respective proxy, and
- d) wherein the optimization layer is designed to ~~manage, in particular to~~ update and invalidate~~[[,]]~~ the data in the cache.

13. (Previously Presented) The method as claimed in claim 12, wherein the optimization layer is designed to request piggyback information together with the transmission of call groups, and the reverse transmission of responses from the service provider.

14. (Currently Amended) The method as claimed in claim 12, wherein the optimization layer automatically initiates a communication with a service provider ~~for management, in particular~~ for updating and invalidation~~[[,]]~~ of the data in the cache, even without any call by a client application.

15. (Currently Amended) The method as claimed in claim 13, wherein the optimization layer automatically initiates a communication with a service provider ~~for management, in particular~~ for updating and invalidation~~[[,]]~~ of the data in the cache, even without any call by a client application.